

## INTERNATIONAL SEARCH REPORT

PCT/IB 03/02863

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H04M9/08

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04M H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 97 45995 A (PHILIPS ELECTRONICS NV ;PHILIPS NORDEN AB (SE)) 4 December 1997 (1997-12-04) cited in the application page 1, line 20 -page 2, line 18 page 4, line 9 - line 28 page 6, line 1 -page 7, line 5 -----	1-11
A	WO 00 74362 A (ERICSSON TELEFON AB L M) 7 December 2000 (2000-12-07) abstract page 2, line 26 -page 3, line 24 page 5, line 27 -page 6, line 28 page 8, line 4 - line 18; figure 1 -----	1-11

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

3 December 2003

Date of mailing of the international search report

10/12/2003

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9745995	A	04-12-1997	BR 9702254 A	17-02-1999
			CN 1198283 A	04-11-1998
			EP 0843934 A1	27-05-1998
			WO 9745995 A1	04-12-1997
			JP 11510673 T	14-09-1999
			US 2002159585 A1	31-10-2002
<hr/>				
WO 0074362	A	07-12-2000	AU 5396500 A	18-12-2000
			BR 0010965 A	19-03-2002
			CN 1367976 T	04-09-2002
			WO 0074362 A2	07-12-2000
			EP 1210814 A2	05-06-2002
			JP 2003501894 T	14-01-2003
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